

Residential Energy Storage Battery (Wall-mounted)



LW51.2-200



High Efficiency

Max. efficiency 95%



Eco-Friendly

Clean energy



Long Lifespan

Sustainable long cycles



Built-in BMS

Charge & discharge protection

Product Introduction



Up to 40 groups of parallel connections,
flexible capacity expansion



LED display for voltage, current, temperature,
convenient for users to query



Compatible with mainstream inverters in the
market, providing more options



Built-in BMS provides multiple protection
functions

Item	Parameters
Specifications and models	LW51.2-200
Nominal voltage	51.2V
Nominal capacity	200Ah
Maximum charge/ discharge current	100A/100A
Discharge voltage/Maximum charge	43.2 V/58.4 V
Weight	94kg
Dimensions(W×D×H)(mm)	500x620x245
Cycle life	5000 cycles @80% DOD
Max number of parallel connections	40
Self-discharge (month)@25°C	≤3%
BMS communication types	RS485/RS232/CAN
Cooling Mode	Free Cooling
IP Class	IP54
Display Fuction	LCD Display
Design Life	15 Years
Storage Temperature	-20°C to 60°C
Operate Temperature	charge: 0°C to 45°C; discharge: -10°C to 55°C
Relative Humidity	5% to 95%
Working Pressure	61kPa~113kPa